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## <u>ABSTRACT OF THE DISCLOSURE</u>

Digital carrying streams are demodulated by a plurality of demodulating circuits and outputs of the demodulating circuits are input to a program filter. The program filter extracts only the data necessary for recording and reproducing from a plurality of input carrying streams and outputs the data to a memory buffer. The data supplied to a recording/reproducing circuit via the memory buffer is recorded in a recording medium in accordance with a designation of a user or directly transferred to a decoder. The data recorded in the recording medium is transferred to the decoder via the recording/reproducing circuit in accordance with a designation of the user.